

CALIFORNIA ENERGY COMMISSION

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NOTICE OF PROPOSED AWARDS
Pipeline Integrity Technology Demonstration Grant
Grant Solicitation PON-12-505
February 15, 2013

On November 2, 2012, the California Energy Commission's Public Interest Energy Research (PIER) Program released a Program Opportunity Notice (PON-12-505) entitled "Pipeline Integrity Technology Demonstration Grant." The purpose of the solicitation is to demonstrate natural gas (NG) pipeline integrity monitoring and inspection technologies that are past the "proof-of-concept" stage and ready for demonstration in a utility setting. This solicitation seeks projects that address one of the following targeted technology areas: 1) Enhanced operational awareness using low cost, low power sensors; 2) Improvements to existing pipeline inspection technologies; 3) Methods to reduce operating costs and optimize field data collection; or 4) Enhanced integrity management practices through risk analysis, prediction, and decision-based methodology. The solicitation announced that \$2,000,000 in funding was available for a maximum award size of \$1,000,000 per project.

The proposals were screened, reviewed, evaluated, and scored using the criteria prescribed in the solicitation. Based on the Review Team's scores and suggested funding level, the Energy Commission proposes to award \$1,622,655 and fund both of the passing projects under this solicitation. This Notice of Proposed Awards is hereby issued pursuant to these recommendations.

The attached table titled "Notice of Proposed Awards and Results of Submitted Proposals" identifies each of the applicants recommended to receive funding, the project title, the recommended amount of Energy Commission funding, and scoring information.

Funding of proposed projects resulting from this solicitation is contingent upon the approval of these projects at a publicly noticed Business Meeting at the Energy Commission in Sacramento, California, and execution of a grant agreement. If the Commission is unable to timely negotiate and execute a funding agreement with an Applicant, the Commission, at its sole discretion, reserves the right to cancel the pending award and shift the available funds. Applicants will be notified of such changes in a revised notice.

This notice is being mailed to all parties who submitted a proposal to this solicitation and is also posted on the Energy Commission website at:
<http://www.energy.ca.gov/contracts/>

For further information about this matter, contact Michael Poe at (916) 654-4809, or by email at Michael.Poe@energy.ca.gov.



California Energy Commission

PON-12-505

Notice of Proposal Awards and Results of Submitted Proposals

2012 Pipeline Integrity Technology Demonstration Grant



Rank	Prime Applicant	Title	PIER Funds Requested	PIER Funds Recommended	Match Funds	Score Status
Proposed Awards						
1	Diakont Advanced Technologies, Inc.	Commercialization of In Line Inspection (ILI) Technology Which Accurately Detects, Locates and measures Pipeline Girth Weld Defects	\$1,000,000	\$1,000,000	\$1,600,000	Awardee
2	Acellent Technologies, Inc.	Real-time Active Pipeline Integrity Detection (RAPID) System for New and Existing Pipelines	\$622,655	\$622,655	\$0	Awardee
Did Not Pass Administrative Screening						
	4D Imaging, Inc.	Continuous Integrity Monitoring System for Natural Gas Pipelines	\$639,130			Did not pass
	Berkeley Engineering and Research, Inc.	Prescriptive Methodology Based Software to Assess Risks and Threats in Natural Gas Pipelines	\$171,149			Did not pass
	SIG Ltd	Integrating Multiple ILI Sensors into a 10" SIG IMV Delivery System	\$900,000			Did not pass
	The Regents of the University of California on behalf of the Berkeley Campus	Demonstration of Advanced 2-D and 3-D Imaging for Below Ground Utilities	\$718,500			Did not pass
	Bureau Veritas North America, Inc.	Threats and Mitigations mEthodology (TAME) for California Pipelines	\$975,000			Did not pass
Total Funds Recommended for Pipeline Integrity Technology Demonstration Grant			\$1,622,655.00	\$1,622,655.00	\$1,600,000.00	

PON-12-505
Pipeline Integrity Technology Demonstration Grant
Score Summary

Prop #	Company	Criteria	Scorer 1	Scorer 2	Scorer 3	Scorer 4	Scorer 5	Possible Points	Averaged Points Awarded
3	Acellent Technologies Inc.	Organizational Structure	70%	80%	70%	70%	80%	10	7.40
		Relevant Experience and Qualifications	90%	80%	80%	80%	80%	10	8.20
		Labor Hours by Personnel and Task	70%	80%	70%	70%	70%	5	3.60
		Client References	80%	80%	70%	70%	80%	5	3.80
		Previous Work Products	80%	70%	70%	70%	70%	10	7.20
		Project Narrative and Scope of Work	80%	80%	70%	70%	80%	10	7.60
		NG Pipeline Infrastructure Market Connectedness	70%	50%	70%	70%	50%	10	6.20
		Advances Science or Technology not Adequately Addressed by Competitive or Regulated Markets	70%	70%	70%	70%	70%	10	7.00
		Project Budget	70%	70%	70%	70%	70%	10	7.00
		Ratio of Unload Labor Rates to Loaded Labor Rates	56.50%	56.50%	56.50%	56.50%	56.50%	5	2.83
		Funds Spent in California	100%	100%	100%	100%	100%	15	15.00
		Total:	78%	76%	75%	75%	75%	100	75.83
5	Diakont Advanced Technologies, Inc.	Organizational Structure	90%	80%	90%	80%	90%	10	8.60
		Relevant Experience and Qualifications	90%	90%	90%	90%	90%	10	9.00
		Labor Hours by Personnel and Task	70%	70%	70%	70%	70%	5	3.50
		Client References	90%	90%	80%	80%	90%	5	4.30
		Previous Work Products	80%	80%	70%	70%	70%	10	7.40
		Project Narrative and Scope of Work	70%	70%	70%	70%	70%	10	7.00
		NG Pipeline Infrastructure Market Connectedness	70%	80%	80%	70%	70%	10	7.40
		Addressed by Competitive or Regulated Markets	80%	70%	70%	70%	70%	10	7.20
		Project Budget	70%	70%	70%	80%	70%	10	7.20
		Ratio of Unloaded Labor Rates to Loaded Labor Rates	80%	80%	80%	80%	80%	5	4.00
		Funds Spent in California	100%	100%	100%	100%	100%	15	15.00
		Total:	82%	81%	81%	80%	80%	100	80.70